

MS/MS Parameters of Pesticides

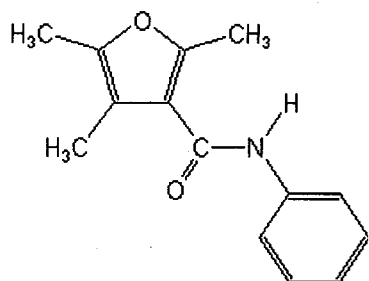
Analyte: Methfuroxam

CAS No.: 28730-17-8

Formula: C₁₄H₁₅NO₂

Molecular mass (lowest isotopes): 229,11 amu

Structure:



Ionisation: ESI +

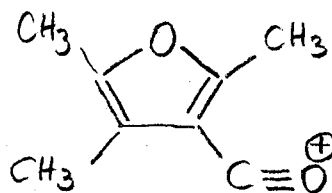
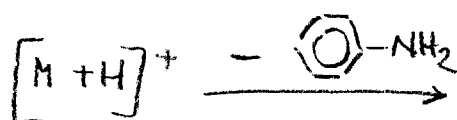
Quasimolecular ion: 230,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

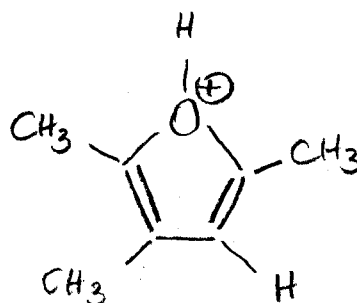
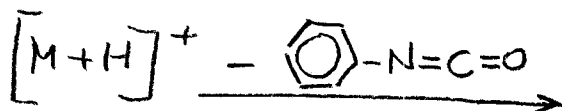
Transition	230,0 → 137,1	230,0 → 111,1
Declustering potential (DP) ^{*)}	31 V	31 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	9,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	27 V	21 V
Collision cell exit potential (CXP)	6 V	6 V

^{*)} For API 3000 and 4000 enhance DP by 20V

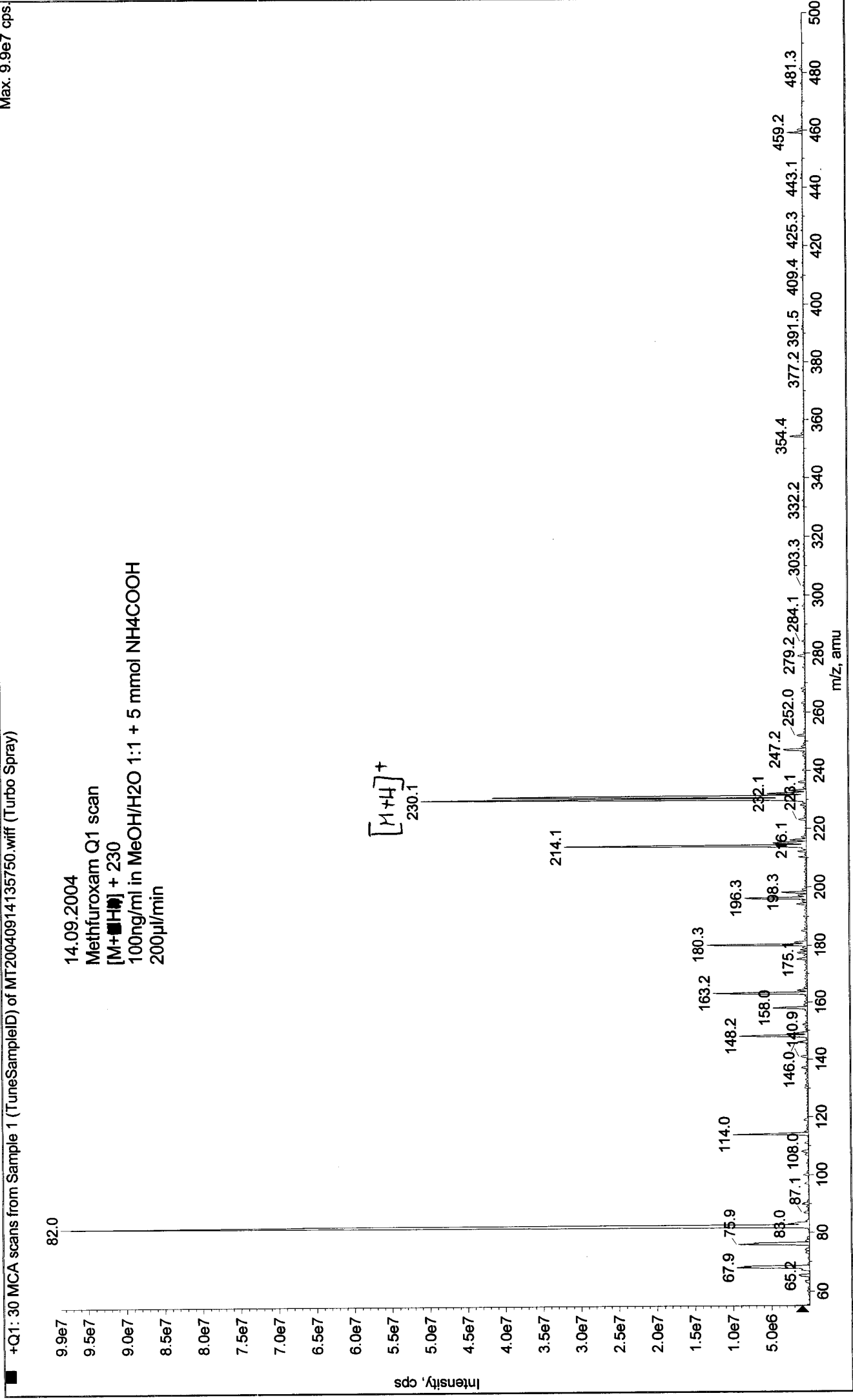
Fragmentation



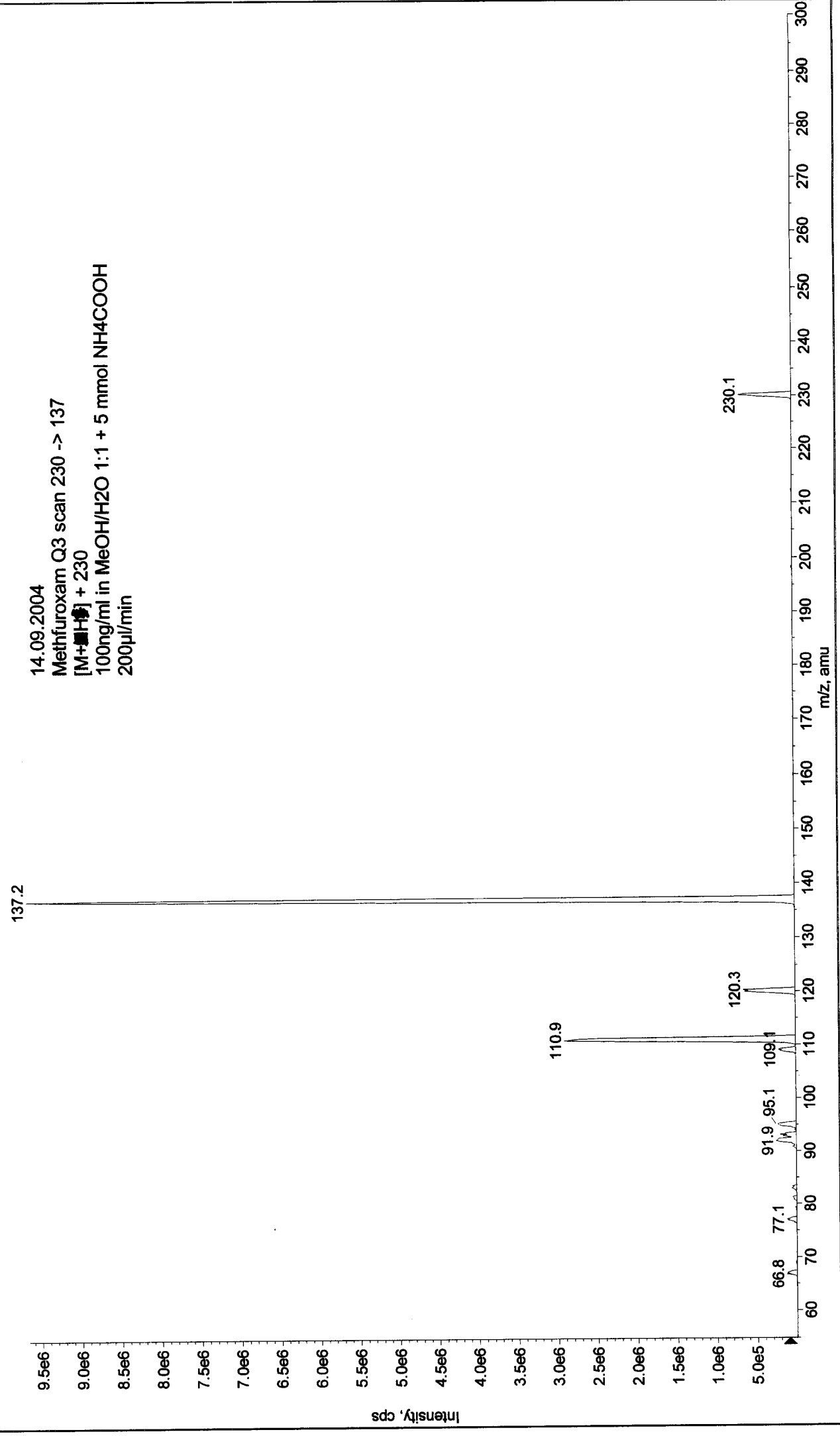
m/z 137



m/z 111



Max. 9.7e6 cps.
+MS2 (230.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040914140134.wiff (Turbo Spray)



Max. 5.9e6 cps

+MS2 (230.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT200409141712.wiff (Turbo Spray)

